

### Amendments to the Claims:

Please amend claims 23-25 as follows.

#### Listing of Claims:

Claim 23 (Amended) A process for producing hydrogen from anaerobically digested organic materials comprising the steps of: placing said materials in a reaction zone; and applying an electric potential across said materials; thereby producing hydrogen and carbon dioxide whereby said electric potential is applied occasionally after periods without application of said electric potential; ~~separating said carbon dioxide and hydrogen.~~

Claim 24 (Amended) ~~An energy conversion~~ A process for converting organic materials into a gaseous fuel comprising ~~comprised of~~ the steps of anaerobically digesting organic materials in the presence of an electrical potential, intermittently or occasionally applied to produce carbon dioxide and a gaseous fuel ~~selected from the group including comprising~~ hydrogen, methane, and mixtures thereof ~~of hydrogen and methane, and separating said carbon dioxide from said gaseous fuel.~~

Claim 25 (Amended) The process of claim 17 in which said intermittent voltage is generated by a hydrogen fuel cell.